CTL On-line Survey

For each of the following statements, please indicate whether you strongly agree, agree, are neutral, disagree, or strongly disagree with the statement. Choose one answer for each statement. Please rate your level of agreement with the following statements.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a. This web site was easy to navigate.	☐	☐	☐	☐	☐
b.I was frustrated with the technical aspects of this web site.	☐	☐	☐	☐	☐
c. This web site was too slow.	☐	☐	☐	☐	☐
d. There were too many graphics on this web site.	☐	☐	☐	☐	☐
e. I had trouble loading pages on this web site.	☐	☐	☐	☐	☐
f. I could find the information I needed on this web site.	☐	☐	☐	☐	☐
g. I had difficulty understanding the science content on this web site.	☐	☐	☐	☐	☐
h. I had difficulty understanding the history content on this web site.	☐	☐	☐	☐	☐
i.. I understood the powers of 10 model.	☐	☐	☐	☐	☐
j. This web site increased my understanding of climate science.	☐	☐	☐	☐	☐
k. This web site increased my understanding of the relationship between climate and human history	☐	☐	☐	☐	☐
l.This web site increased my understanding of the complexities of climate.	☐	☐	☐	☐	☐
m. This web site increased my understanding of the forces that drive climate variability.	☐	☐	☐	☐	☐
n. This web site increased my understanding of the connection between climate and current events.	☐	☐	☐	☐	☐
o. I would use this web site again.	☐	☐	☐	☐	☐

Part 11
Please answer the following questions. Mark only one answer unless otherwise indicated.

a. The links on this web site were:
- very helpful in finding new data
- helpful in finding new data
- not very helpful in finding new data
- not helpful at all in finding new data

b. The resources on the web site were:
- very easy to use
- easy to use
- not very easy to use
- not at all easy to use.

c. The data access page was:
- very clear
- clear
- not very clear
- not clear at all

d. This web site was:
- very well organized
- well organized
- not very organized
- not well organized at all

e. The presentation of materials in this web site was
- very effective
- effective
- not very effective
- not effective at all

f. The content on this web site was:
- very clear
- clear
- not very clear
- not clear at all

g. I am
- an undergradute student
- a graduate student
- a K-12 science teacher
- a K-12 social studies teacher
- an undergraduate science teacher
- an undergraduate social science teacher
- an environmental professional
- interested public

h. I am
- female
- male

i. How would you describe your ethnic background? **(CHECK ALL THAT APPLY)**

☐ Black/African American (Not Hispanic)	☐ American Indian/Alaskan Native
☐ White (not Hispanic)	☐ Asian/Pacific Islander
☐ Hispanic/Latino	☐ Other
☐ African	

Part 111 – Teachers Only
Please only answer the questions in this part if you are a teacher.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a. This web site is a beneficial resource to integrate into the science curriculum.	☐	☐	☐	☐	☐
b The powers of 10 model is an effective model for instruction.	☐	☐	☐	☐	☐

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
c. This web site stimulated inquiry in my students.	☐	☐	☐	☐	☐
d. I would use this web site in my classroom.	☐	☐	☐	☐	☐
e. The science content on this web site was effective for instruction.	☐	☐	☐	☐	☐
f. The history content on this web site was effective for instruction.	☐	☐	☐	☐	☐

g. This web site was developmentally appropriate for *(check all that apply)*

- ☐ Elementary grades 5-6
- ☐ Middle school grades 7-8
- ☐ High school grades 9-12
- ☐ College level- intro/undergrad
- ☐ College level- advanced/grad

h. This website could be effectively used in the*(check all that apply)*

- ☐ History curriculum
- ☐ Science curriculum
- ☐ Math curriculum
- ☐ English curriculum
- ☐ Physical education curriculum
- ☐ Art and Music curriculum
- ☐ Other_____

i. The content of this web site increased my students' understanding of *(check all that apply)*

- ☐ climate science
- ☐ climate history
- ☐ the complexities of climates
- ☐ the forces that drive climate variability
- ☐ the connection between climate and current events.
- ☐ the relationship between climate and human history

CTL Undergraduate/Teacher Interview Questions

1. What did you like about the climate timeline web site?
2. What did you dislike about climate timeline web site?
3. Was the site clear and organized? In what way?
4. Was the site easy to use and navigate? In what way?
5. Was any aspect of the website unclear? If so, what?
6. What did you think about the presentation of materials on the web site?
7. What do you think about the powers of 10 model?
8. What did you think about the climate science content?
9. What did you think about the climate history content?
10. Did the site increase your understanding of climate?
11. Did the site increase your understanding of the forces that contribute to climate variability?
12. Did the site give you any perspective or understanding of current events? How?
13. If you could add something to the site, what would it be?
14. If you could change anything about the site, what would you change?
15. Would you use this site again?

***Note to researcher**: If the adult has been observed using the CTL, include questions about your observations of non-verbal and verbal behavior student displayed while navigating web site in order to member-check accuracy of observation. For example, "While looking at the powers of ten, you said Wow! and smiled,. What was going on for you then?" or ""While navigating the site, I saw you smile often. What does that mean?" ***

For teachers, continue with the following questions:

16. What grade level do you teach?
17. Was the climate timeline web site developmentally appropriate for the grade level you teach?
18. For what other grade levels do you think CLT could be used?
19. Is the web site a beneficial resource to integrate into the science curriculum? Why or why not?

20. Would you use the web site for other educational purposes besides climate science?

21. Could the web site be integrated into other disciplinary curricula? What disciplines? How?